

Pavillion Phase 3 ADQ Recommended Data Qualifications

ADQ Report Date	Laboratory	Analyte(s)	Recommended Data Qualifications	Affected Samples
04/11/11	EPA GP	Chloride	None	N/A
05/03/11	Shaw	K	None	N/A
		Dissolved methane	Methane detected at low concentrations in FB, TB, and EB.	Impact minimal
08/08/11	Region 8	VOC	None	N/A
		SVOC	<p>Samples between CCV1 and CCV2 should be qualified low due to 60% recovery of 3,3-dichlorobenzidine in CCV1</p> <p>Low surrogate recovery (49%) in EB</p> <p>Some QC limits exceeded (described in report narrative) and appropriately qualified</p> <p>Squalene detected in run and prep blank and some field QC samples</p> <p>Benzyl alcohol detected in FB, TB, and EB.</p> <p>Benzoic acid found in EQ at less than QL</p> <p>2-butoxy ethanol phosphate found in EB</p>	<p>This compound was never detected.</p> <p>All compounds qualified in EB</p> <p>See report</p> <p>Samples with detects should be qualified</p> <p>Samples with detects should be qualified</p> <p>Samples with detects should be qualified</p> <p>Samples with detects should be qualified</p>

			Adamantane found in EB	Samples with detects should be qualified
		GRO	None	N/A
		DRO	None	N/A
02/13/12	Field	pH	None	N/A
11/09/12	EPA GP	F, SO4	None	N/A
11/09/12	Shaw	ICP-OES metals	<p>There were no ICVs and no matrix spikes for Ag, Al, B, Ba, K, Na, Si, S, P, and U.</p> <p>There were method blanks that had hits between MDL and QL for Cu, Na, and P. The following samples with BQL results must be reported as <QL with a U qualifier.</p> <p>There were several BQL results in the field, equipment, and trip blanks, and these would be easiest to evaluate against once the values are all in the formatted spreadsheets</p>	<p>Add J qualifier to all results for these analytes.</p> <p>For Cu: RD01, MW02, and LD01. (For Na & P: There were no BQL results.)</p> <p>Check all FB, EB, & TB for J/U effect.</p>
11/14/12	EPA GP	NO3+NO2, NH4	<p>NO3+NO2 method blanks both had results between MDL & QL.</p> <p>Field blank for NO3+NO2 was >QL and had higher results than any sample.</p>	<p>BQL results cannot be reported for NO3+NO2.</p> <p>All NO3+NO2 results >QL should be qualified with FB.</p>

			Equip. Blank for NO3+NO2 was >QL.	All NO3+NO2 results >QL should be qualified with EB.
11/15/12	EPA GP	TC, DC, TIC, DIC, TOC, DOC	<p>Done by RSKSOP-102 using the Dohrmann DC-80 Carbon Analyzer.</p> <p>On the Excel spreadsheet, the DIC for the Field Blank is reported as a value that is below the MDL.</p>	<p>Results may not be comparable to other phases (analyzed by RSKSOP-330 on the Shimadzu instrument).</p> <p>It should be reported as <QL with a U qualifier.</p>